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03-06-02

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 391130

First Inventor Michael Minneman

Title HIGH DENSITY OPTICAL SOURCE BANK

Express Mail Label No. EL820327131US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 44]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) [Total Sheets 5]
5. Oath or Declaration [Total Pages 5]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Certificate of Express Mail

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_ / \_\_\_\_  
Prior application information: Examiner: \_\_\_\_ Group / Art Unit: \_\_\_\_

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label 30955 or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Curtis A. Vock

Registration No. (Attorney/Agent)

38,356

Signature

Date

3-1-02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any  
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark  
Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for  
Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

Application Number	Not Assigned
Filing Date	Herewith
First Named Inventor	Michael Minneman
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	391130

TOTAL AMOUNT OF PAYMENT (\$) 1060

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

12-0600

Deposit  
Account  
Name

Lathrop & Gage L.C.

☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☒ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	65	Surcharge - late filing fee or oath	
127	50	25	Surcharge - late provisional filing fee or cover sheet	
139	130	130	Non-English specification	
147	2,520	2,520	For filing a request for reexamination	
112	920*	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	1,840*	Requesting publication of SIR after Examiner action	
115	110	55	Extension for reply within first month	
116	400	200	Extension for reply within second month	
117	920	460	Extension for reply within third month	
118	1,440	720	Extension for reply within fourth month	
128	1,960	980	Extension for reply within fifth month	
119	320	160	Notice of Appeal	
120	320	160	Filing a brief in support of an appeal	
121	280	140	Request for oral hearing	
138	1,510	1,510	Petition to institute a public use proceeding	
140	110	55	Petition to revive - unavoidable	
141	1,280	640	Petition to revive - unintentional	
142	1,280	640	Utility issue fee (or reissue)	
143	460	230	Design issue fee	
144	620	310	Plant issue fee	
122	130	130	Petitions to the Commissioner	
123	50	50	Processing fee under 37 CFR 1.17 (q)	
126	180	180	Submission of Information Disclosure Stmt	
581	40	40	Recording each patent assignment per property (times number of properties)	40
146	740	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	370	Request for Continued Examination (RCE)	
169	900	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 370)

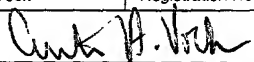
### 2. EXTRA CLAIM FEES

				Extra Claims		Fee from below		Fee Paid
Total Claims	72	-20 **	=	52	X	9	=	468
Independent Claims	4	-3 **	=	1	X	42	=	42
Multiple Dependent	1				X	140	=	140
Large	Entity	Small	Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description				
103	18	203	9	Claims in excess of 20				
102	84	202	42	Independent claims in excess of 3				
104	280	204	140	Multiple dependent claim, if not paid				
109	84	209	42	** Reissue independent claims over original patent				
110	18	210	9	** Reissue claims in excess of 20 and over original patent				

\*\*or number previously paid, if greater, For Reissues, see above

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Curtis A. Vock	Registration No. Attorney/Agent)	38,356	Telephone	303-449-5800
Signature				Date	3-1-02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Michael Minneman et al.

Application No.: Not Assigned  
Filed: Herewith

Group No.: Not Assigned  
Examiner: Not Assigned

For: HIGH DENSITY OPTICAL SOURCE BANK

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL820327131US  
Date of Deposit: March 1, 2002

I hereby state that the following *attached* papers

1. Utility Patent Application Transmittal - 1 page;
2. Fee Transmittal for FY 2002 - 1 page;
3. Specification - 44 pages ; includes 11 pages of claims numbered 1-72 ; Abstract - 1 page;
4. Drawings -5 sheets, Figures 1-7;
5. Combined Declaration and Power Of Attorney - 5 pages;
6. Assignment Recordation Form Cover Sheet - 3 pages;
7. Assignment document - 8 pages;
8. Check in the amount of \$1,060.00;
9. Certificate of Mailing; and
10. Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10, on the date indicated above and is addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

  
Nancy Halas